

STCG TANK SUBGROUP MEETING

June 12, 1996

Welcome/Introduction

Tom Tebb requested feedback on: 1) whether the Subgroup meetings are worthwhile, 2) where we should focus in the future, and 3) how we can improve our efforts. Please send any comments to Linda Fassbender and she will forward them to the Subgroup Co-Chairs.

Clyde Frank's Community Leaders Network

Jim Cochran, Dean of Washington State University's Tri-Cities Campus, briefed the Subgroup on Clyde Frank's Community Leaders Network (CLN). He provided several handouts: CLN History, CLN Fact Sheet, CLN Anthem, Summary of TFA and CLN Interaction, and CLN Fall Workshop Participants List.

CLN was created to get public input for EM-50. A workshop was held in 1992 with the DOE sites that had integrated demonstrations to make sure public involvement was included in the decision-making process. In 1993, CLN reviewed the OTD Strategic Plan and the Public Participation Plan. In March 1994, they attended an OTD Mid-Year Program Review. They learned about the STCGs in December 1994.

CLN consists of a loosely formed network of about 30 people organized around Focus Area activities. They provide Clyde with a national perspective on his program from the stakeholder point of view. Their mission is basically to review and comment on OTD activities and site needs, and to provide feedback on public concerns related to technology. They have no formal interface with the site-specific advisory boards, but they want to make sure the STCGs and the advisory boards are interacting.

Their next meeting is at the end of June. The major agenda item is reports on Focus Area activities. They are looking for commonalities among the Focus Areas.

There are no CLN decisions, just an ongoing dialogue with DOE. They never try to achieve consensus. Instead, they make sure DOE hears about stakeholders' "gut issues" early on.

Jerry White mentioned that Clyde told him and other representatives of the Hanford Technology Deployment Center that they should link up with the local CLN representatives to get feedback on the Deployment Center. Perhaps the STCG Tank Subgroup should have more contact with Dr. Cochran to get reports on his periodic meetings with Clyde.

Feedback on HTI Briefing for DOE/HQ

Bill Root summarized the briefing given to Steve Cowan (EM-30) and Clyde Frank (EM-50) about three weeks ago on the Hanford Tanks Initiative (HTI). His handout was called "Hanford Tanks Initiative: Accelerating Hanford Tank Cleanup". HTI is mainly focused on retrieval and closure, but aspects of waste storage are also involved. A bold initiative for a new approach to safety analysis/peer review will be proposed.

The HTI results will be very useful for Phase II Privatization, where the vendors will have to retrieve hard heels from tanks. 131 tanks have hard heels that are similar to grout. Data is needed on retrieval technology efficiency and cost. The HTI team is linking Site baselines with the HTI schedule to make sure they get the data before it's needed. One key concern is what data is required to determine how to achieve closure.

There are three main HTI Project activities:

1. Define process/criteria. AX-104 will be used to establish regulatory and stakeholder accepted closure process and criteria four years ahead of schedule. This is being referred to as an "interim retrieval goal" rather than "closure". Ecology plans to make the first decision on tank farm closure in 2006.
2. TFA/ACTR cold retrieval and characterization demonstrations (integrate ACTR into HTI).
3. Develop retrieval specification (bid and award in FY97 for C-106 heel retrieval and readying the tank for closure). This will be a

service contract for two vendors to actually retrieve waste from C-106. The plan is to ready C-106 for closure 2.5 years ahead of schedule.

The plan is to build teams of national laboratories and industry to do the retrieval. They need to demonstrate technologies that will work in leaking tanks. The top two stakeholder values related to HTI are: 1) get results and 2) safety. Clyde Frank promised to contribute \$10M per year for four years to the HTI. Steve Cowan said EM-30 will pay the rest.

The Subgroup then watched a 7.5-minute video on HTI starring Tom Tebb!

How the Subgroup Wants to be Involved in the Budget Process

Cathy Louie presented an overview of the DOE budget process using a vugraph from Jim Peterson (DOE-RL) called "DOE Planning/Budget Process Flow". She described the potential opportunities for Subgroup involvement in reviewing and commenting on: 1) TFA's input to DOE's Internal Review Budget (IRB), 2) the EM-50 Program Execution Guidance (PEG), and 3) the TFA Multi-Year Program Plan (MYPP). Her perspective is that the Tank Subgroup made its major contribution last fall when it identified and prioritized Hanford's tank technology needs. She recommended that the TWRS Program (RL and WHC) review the IRB, the PEG, and the MYPP and provide the Subgroup with a summary of how well they addressed the high-priority tank needs. The Subgroup members agreed with Cathy's recommendation.

Jerry White stated that the key information for the Subgroup is which of our needs dropped out (e.g., the large-volume sludge and supernate sampler development were not funded by EM-50, so WHC is trying to get EM-30 funding for them). Ken Gasper agreed to review the PEG and the MYPP and report back to the Subgroup at the next meeting.

Gary Ballew reminded the Subgroup that the STCG Management Plan states that the Subgroups must determine if any of their needs are not being funded and then report back to the Management Council. The Management Council is responsible for communicating this information to the Focus Areas.

Keystone Workshop on Long-Term Research to Support Technology Needs

DOE/EM and DOE/ER are sponsoring a stakeholder workshop on June 27-28 in Richland to assist in developing a long-term research agenda for DOE's environmental management and restoration needs. The workshop will build on existing stakeholder involvement at Hanford by inviting 30-40 representatives of the Hanford Advisory Board, the STCG, and the National Academy of Sciences. The workshop will be organized and facilitated by the Keystone Center, a mediation and consensus-building organization. The workshop results will help DOE formulate a proactive research agenda for the development of the newly established Environmental Management Science Program (EMSP) and open a dialogue among stakeholders on the necessary long-term research agenda for site cleanup. Carol Henry from DOE/ER will present additional information on the Keystone Initiative to the STCG Management Council at their June 19 meeting.

Hanford Technology Deployment Center Status

Jerry White provided an update on the Deployment Center status using a handout entitled "Flow Chart: Hanford Technology Deployment Center Involvement in and Support to Technology Demonstration and Deployment". He explained the Deployment Center process for the two possible pathways envisioned for demonstration and/or deployment of technologies at Hanford: 1) potential technologies identified in response to Hanford technology needs, and 2) unsolicited demonstration requests. A program plan and a series of protocols (e.g., a regulatory protocol, a procurement protocol) are being developed by an ad-hoc committee.

The Hanford Site Management Board has already approved the Deployment Center concept, and Bob Rosselli is responsible to make it happen. Clyde Frank sent \$150K for the Gala Event on August 8 to serve as an official kick-off function. In early September, Secretary O'Leary's Advisory Council will be at Hanford, so there may be a second event then. The Deployment Center plans to coordinate very closely with the HTI and the C-Reactor Cocooning Projects.

Tank Subgroup Calendar

In addition to the agenda items listed below, a brief update on the Hanford Technology Deployment Center will be provided at every meeting.

July 10, 1996

- Summary of PEG and TFA MYPP (Ken Gasper)
- Brainstorm long-term technology demonstration/deployment needs
- Site tour to see the Light-Duty Utility Arm (LDUA)
- STCG Communications Plan (Gary Ballew)

August 14, 1996

- Subgroup self assessment
- Participate in Hanford Technology Deployment Center "Gala"

September 11, 1996

- Assess TWRS Program relative to tank technology needs, demonstrations, and implementation
- Encourage problem-owners to bring technology needs to the Subgroup
- Briefing on technology needs identified by the Privatization Phase I contract winners

October 9, 1996

- Start reviewing last year's technology needs priorities and determining if revisions are necessary

November 13, 1996

- Continue reviewing last year's technology needs priorities and making revisions as necessary

December 11, 1996

- Prioritized tank technology needs are due to the STCG Management Council

January 1997

- Management Council sends technology needs packages to the Focus Area Teams

Action Items

1. Provide Jim Cochran with a copy of the tank technology needs package submitted to TFA in January 1996 (Gary Ballew).
2. Review the PEG and the TFA MYPP and provide a summary at the July Subgroup meeting (Ken Gasper). If Ken cannot attend the July meeting, he will find a replacement to make the presentation for him.
3. Help Tom Tebb with his vugraph presentation on long-term tank technology needs for the Keystone Workshop (Linda Fassbender).
4. Look into the possibility of setting up a tour of the LDUA on the morning of July 10 if the arm will actually be moving then (Linda Fassbender will coordinate with Marcus Glasper and Billie Mauss).
5. Also consider touring the HTI facility to see the end-effectors, scabblers, and other equipment (Linda Fassbender will coordinate with Marcus Glasper and Billie Mauss).
6. Provide a brief written report to the Subgroup on the HAB's plans for dealing with technology development activities (Todd Martin).
7. Determine who is officially responsible for the contaminated soils under the tanks, EM-30 or EM-40? (Cathy Louie and Marcus Glasper).

Meeting Attendees

Gary Ballew (ETP)
Jim Cochran (WSU/Tri-Cities)
Paul Danielson (Nez Perce Tribe)
Linda Fassbender (PNNL)
Ken Gasper (WHC/TWRS)
Marcus Glasper (DOE-RL/STP)
Cathy Louie (DOE-RL/TWRS)
Todd Martin (HEAL/HAB)
Russ Murkowski (WHC/TWRS)
Al Noonan (PNNL/TFA)
Bill Root (Informatics)
Tom Tebb (Ecology)
Nancy Uziemblo (Ecology)
Jerry White (TCCP)

Feedback on This Meeting

How did you feel about the meeting (e.g., agenda topics, progress made, ability to express your views)? Please send suggestions for improvements or future agenda items to Linda Fassbender, and she will forward them to the Co-Chairs. Thanks.

Next Meeting

Wednesday, July 10
1:00-5:00 p.m.
ISB-1 White Bluffs Room